

Title (en)
Concrete mixture with increased fire resistance

Title (de)
Betonmischung mit erhohter Brandresistenz

Title (fr)
Mélange de béton à résistance au feu accrue

Publication
EP 1156022 B1 20031210 (DE)

Application
EP 00810905 A 20001003

Priority
CH 9852000 A 20000517

Abstract (en)
[origin: EP1156022A1] The burning resistance of concrete containing sintered and solidified coal light ash is improved by addition of synthetic fibers.

IPC 1-7
C04B 28/02

IPC 8 full level
C04B 16/06 (2006.01); **C04B 18/08** (2006.01); **C04B 28/02** (2006.01); **E04B 1/94** (2006.01); **E21D 11/10** (2006.01); **C04B 111/28** (2006.01)

CPC (source: EP)
C04B 16/0633 (2013.01); **C04B 18/085** (2013.01); **C04B 28/02** (2013.01); **C04B 2111/00724** (2013.01); **C04B 2111/28** (2013.01);
Y02W 30/91 (2015.05)

C-Set (source: EP)
1. **C04B 28/02 + C04B 16/0633 + C04B 18/085**
2. **C04B 16/0633 + C04B 16/0608 + C04B 18/02**
3. **C04B 18/085 + C04B 20/0076**

Cited by
EP1288176A1; EP2223902A3; RU2660154C1; RU2671010C2; EP3511306A1; CN115680715A; WO03020659A1; WO2014094183A1;
US9353006B2; EP2935145B1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1156022 A1 20011121; EP 1156022 B1 20031210; AT E256089 T1 20031215; CH 693484 A5 20030829; DE 50004722 D1 20040122;
HU 0102003 D0 20010730; HU P0102003 A2 20020128; HU P0102003 A3 20030228; JP 2001328855 A 20011127; PL 347539 A1 20011119

DOCDB simple family (application)
EP 00810905 A 20001003; AT 00810905 T 20001003; CH 9852000 A 20000517; DE 50004722 T 20001003; HU P0102003 A 20010516;
JP 2000369519 A 20001205; PL 34753901 A 20010515